

# Search Notes



Application/Control No.

10/005,649

Examiner

Chirag G. Shah

Applicant(s)/Patent under Reexamination

KIM ET AL.

Art Unit

2664

## SEARCHED

Class	Subclass	Date	Examiner
370	335,342, 441,320	7/13/2005	CGS
370	326,328,	7/13/2005	CGS
370	347,204	7/13/2005	CGS
375	346-348	7/13/2005	CGS
375	144,146,	7/13/2005	CGS
375	140,260	7/13/2005	CGS
375	267	7/13/2005	CGS

## INTERFERENCE SEARCHED

Class	Subclass	Date	Examiner
(Midamble or mid-ambly) and	clm.	3/20/06	CGS
(complex with conjugate)	clm.	↓	↓
and same as search in searched section		↓	↓

## SEARCH NOTES (INCLUDING SEARCH STRATEGY)

	DATE	EXMR
East Search: Classification Search 370/335,342,441,326,328,320,447, 204.ccls.	7/13/2005	CGS
375/346-348,144,146,140,260,267.ccls.	7/13/2005	CGS
Double Patenting Search using PALM and EDAN and EAST and consulted with Wellington Chin on 102(e) issue- Motorola-EP 1069707	7/12/2005	CGS
Consulted Primary Bocure Class 375 regarding claim 4 rejection	7/12/2005	CGS
Google and IEEE search: transmit diversity and midamble	7/12/2005	CGS
EAST Key words: complex conjugate; (midamble or mid-ambly); "joint detection" and Motorola.asn.	7/13/2005	CGS
Updated Search: search classes above and (midamble) and (complex with conjugate)	3/20/06	CGS
(see attached sheet)		
• Consulted SPE, Wellington Chin with respect to "cancellation is a matrix operation and not an extraction or detecting"	3/20/06	CGS